

Converting Colors

Hex(EB6BD3)

Have a look what the booklet for
Hex(EB6BD3) contains.

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Color

Hex(EB6BD3)

Conversions

Conversions Part 1

Format	Color
Hex	EB6BD3
RGB	235, 107, 211
RGB Percent	92%, 42%, 83%
CMY	0.0784, 0.5804, 0.1725
CMYK	0.00, 0.54, 0.10, 0.08
HSL	311°, 76%, 67%
HSV	311°, 54%, 92%
XYZ	51.2765, 32.8807, 65.2721
YIQ	157.1280, 42.9040, 59.4800

Conversions

Conversions Part 2

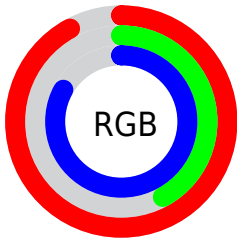
Format	Color
RYB	235, 107, 211
Decimal	15428563
CIELab	64.06, 61.93, -30.60
CIELCh	64, 69.074, 333.709
Yxy	32.8807, 0.3431, 0.2200
Android (android.graphics.Color)	4293618643 (0xFFEB6BD3)
YUV	157.1280, 26.5589, 68.2937
Hunter-Lab	57.3417, 59.2716, -27.3506

Details

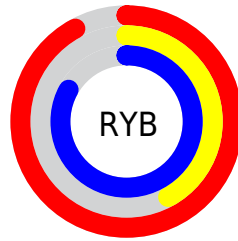
The Hex color **EB6BD3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6BEB83**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA3FF**, and **B0319C** is the 20% darker color. If you saturate the color by 10%, you get **EB54CF**, and if you desaturate by 10%, it is **EB83D7**.

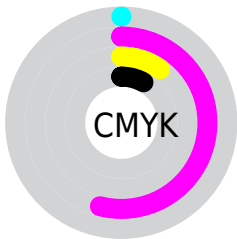
Distribution



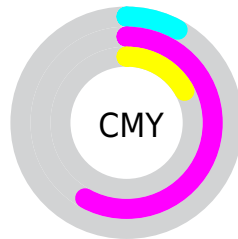
- Red (92%)
- Green (42%)
- Blue (83%)



- Red (92%)
- Yellow (42%)
- Blue (83%)



- Cyan (0%)
- Magenta (54%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB6BD3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EB6BD3 by changing the saturation by 10% instead.

 EB6BD3

 EB6BD3

FFFFFF

 CD4FB7

 FFA3FF

 B0319C

 FFC0FF

 940782

 FFDDFF

 780068

 FFFAFF

 5D0050

 420039

 280022

 000008

 000000

 EB6BD3

 EB6BD3

 EB54CF

 EB83D7

 EB3CCA

 EB9ADC

 EB25C6

 EBB2E0

 EB0DC1

 EBC9E5

 EB00BF

 EBE1E9

 EBF8ED

 EBFFF2

 EBFFF6

 EBFFFB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A587FF



EB6BD3



FF5C96

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB6BD3



B29B00



00B7DE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EB6BD3



6BEB83

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00B8A1



EB6BD3



73AB27

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EB6BD3



E38325



00B462



00B0FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB6BD3



FF626E



00B462



00B8CB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EB6BD3



FFD6F7



826BEB



80677B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EB6BD3



FF59E0



EB6B94



756A73



B50093



36002C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EB6BD3



FF59E0



6BEBC2



756A73



B50093



36002C

Previews

White Background



This preview shows how the Hex color EB6BD3 looks on a white background.

Color Contrast Check

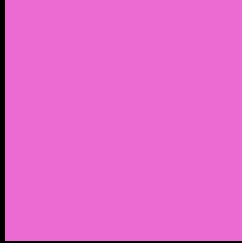
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EB6BD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EB6BD3 Background



This preview shows how black text looks on a background with the Hex color EB6BD3.



This preview shows how white text looks on a background with the Hex color EB6BD3.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

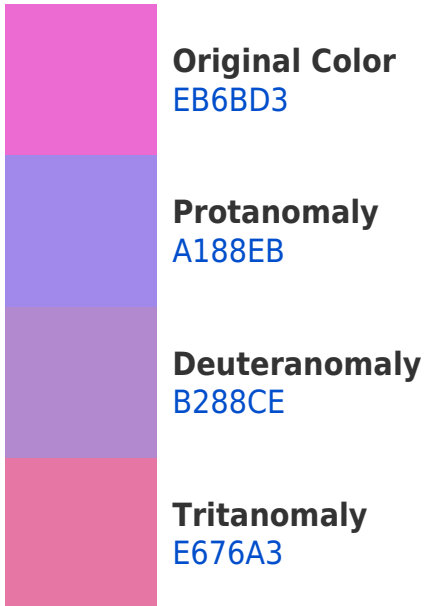
Dichromacy





Tritanopia
E37D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB6BD3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EB6BD3 looks like.

```
.text, #text, p{  
    color:#EB6BD3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EB6BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6BD3
}
```

Border

The CSS property to change the border of an element to Hex EB6BD3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB6BD3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EB6BD3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EB6BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6BD3; -webkit-box-shadow:4px 4px  
4px 4px #EB6BD3; box-shadow:4px 4px 4px  
4px #EB6BD3 }
```

Background

The CSS property to change the background color of an element to Hex EB6BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6BD3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EB6BD3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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